

# NAD

## L 56 DVD/CD/MP3 Player / L76 A/V Receiver



### **NAD L56 DVD, CD, MP3 Player**

- Elegant Titanium finish • Plays DVD, CD, CD-R, CD-RW, VCD • MP3 decoder integrated • Coaxial and Optical Digital outputs • S-Video and Composite video outputs • SCART with RGB output

### **NAD L76 Surround Sound Receiver**

- 5 X 45 watts all channels driven simultaneously 20Hz – 20kHz • 2 X 60 watts in Stereo mode
- Dolby Digital, ProLogic II, DTS, Stereo 3, and Hall surround modes • Informative On-Screen-Display • Crystal Sigma-Delta ADC's and DAC's with 96kHz/24 bit resolution • Subwoofer Pre-Out for powered subwoofers • 6 Audio and 3 Video Inputs • All Video in/outputs S-Video and Composite • 3 Digital Inputs, 2 Digital Outputs • RDS FM/AM Tuner with 30 station presets (RDS PS & RT) • Gold Plated RCA sockets • Binding Post speaker terminals

### **HTR-L76 Remote Handset**

- 8 Device Learning remote • Full Illumination with adjustable time-out • Macro function with up to 64 commands • Ergonomic design • Direct access to Surround, Center, and Sub channel volumes

The L56/L76 stand as an ideal solution for the city apartment dweller that demands great performance but doesn't have the space to dedicate to a full blown component based Home Cinema set-up. With styling that compliments many of the flat screen and plasma displays that are so popular today, the L56/L76 can serve as the heart of an advanced but seriously compact Home Entertainment System.

### **Features**

The L56 carries on the NAD tradition of including every useful feature necessary for complete enjoyment of your movies and music, while keeping operation as logical and straightforward as possible. Through the extensive, yet intuitive On-Screen-Display, you can change the various parameters and settings that affect the picture and sound. Our "Scene Bookmarking" feature allows you to quickly resume the viewing of a movie without having to go back to the DVD scene menu. Multi-Angle, Multi-Language, and Multi-Subtitle DVD features are supported when included on the DVD disc itself. Freeze-Frame, Slow and Fast Scanning, Zoom, and Repeat are also available. VCD and MP3 formats are fully supported.

The L76 includes Dolby's latest innovation in 5.1 surround sound processing, ProLogic II. With separate modes for Movies and Music, PL II offers surround sound performance comparable to specially encoded Dolby Digital 5.1 soundtracks from any 2 channel source. Dolby Digital and DTS 5.1 sound tracks are automatically recognized, and ProLogic II, Stereo 3, and Hall ambience modes create realistic surround effects from non-encoded material.

The L76 is remarkably compact considering its very flexible input and output options. Up to six sources can be connected, in addition to the built-in FM/AM radio tuner. Three of these inputs also include video switching in both composite and S-Video formats. The Video Monitor output incorporates an On-Screen-Display for easy system setup. Two optical inputs and one coaxial digital input are provided, and for easy transfer to a digital recording device, two digital outputs are also included (1 optical, 1 coaxial).

Included with the L56/L76 System is a special version of NAD's highly acclaimed learning remote control dubbed the HTR-L76. This handy device can copy the commands from your TV, VCR, and Satellite receiver, and almost any other IR remote, thus ending the confusion and clutter of multiple handsets. Logical layout of the generously sized buttons combined with illumination make the HTR-L76 the remote of choice when enjoying your Home Entertainment system.

The FM tuner provides 30 preset positions for instant recall of your favorite stations, and the handy RDS decoder gives a useful read out of station call letters and program information on the front panel display. Tone controls with carefully chosen characteristics for boost and cut affect only the front channels for fine tuning the response of your loudspeakers and program material. A headphone jack is provided for private listening. Speaker connectors are the same high quality binding posts found on our full size components, and combined with gold plated input sockets allow and encourage the use of premium quality speaker and signal cables.

## Performance

As you would expect from any component wearing the NAD badge, performance is nothing short of spectacular! Don't be fooled by the compact dimensions of the L56/L76 combo – performance and power surpasses that of many (if not most) full size components. The L76 boasts 5 X 45 watts of NAD's Full Disclosure power, more real distortion-free power than many of our competitors offer in their 100 watt receivers, as we measure all channels driven simultaneously over the full musical range.

This remarkable performance is achieved by using all discrete high power transistors rather than the less capable power IC's favored by many of our competitors. Combined with a high current power supply and 30 years of experience designing award winning

amplifier circuits, this NAD component can extract every nuance of sound from your favorite music and movie soundtracks.

The generous power capability allows the L76 to be partnered with almost any of today's high quality loudspeakers – your enjoyment is not limited by the mediocre speakers included with many other compact systems!

The digital sections of both the L56 and L76 incorporate the latest generation Analog-to-Digital, and Digital-to-Analog converters and DSP processing chips for superb sonic and visual performance. Picture quality from DVD is nothing less than stunning, with natural color rendition and tremendous picture detail. We adjust our video parameters to broadcast standards, shunning many of the "tricks" employed by our competitors to hype the brightness and contrast ratios that may initially impress, but prove tiring and unpleasant in the longer term.

## System Synergy

The visual design and electronic performance of the L56 and L76 are perfectly matched, creating a synergy that will enhance your décor while intensifying the pleasure of listening to music and watching movies. Their compact size and elegant finish allow these components to fit into spaces and places that most high performance systems could never occupy.

### L 76 A/V Receiver

Amplifier Section	
Power output Stereo Mode (8Ω within rated distortion)	60W (18dBW)
IHF dynamic power; 8Ω	82W (19dBW)
IHF dynamic power; 4Ω	120W (20.7dBW)
IHF dynamic power; 2Ω	
Simultaneous power output surround mode	5 x 45W (16dBW)
Total harmonic distortion at rated power	0.08%
IM distortion at rated power	0.08%
Damping factor 8Ω	>200
Input sensitivity and impedance	200mV / 47kΩ
Frequency response	20Hz-20kHz +/- 0.5dB
Signal/noise ratio; ref rated power 8Ω	-99dB
Signal/noise ratio; ref 1W / 8Ω	-85dB
Remote Control	Yes
Tuner Section	
Input sensitivity Mono	16.35dBf
50dB Stereo:	20.79dBf
Harmonic Distortion; FM Mono	0.2%
Harmonic Distortion; FM Stereo	0.3%
Signal/noise; Mono	74dB
Signal/noise; Stereo	70dB
Stereo separation at 1kHz	38dB
Frequency response; ± 1.5dB	30Hz - 15Hz
Physical Specifications	
Dimensions (W x H x D)	11 1/4 x 4 3/4 x 12 1/4" (285 x 120 x 310mm)
Net Weight	19.1 lbs (8.68kg)
Shipping Weight	21.3 lbs (9.68kg)

### L 56 DVD/CD Player

Audio	
Frequency Response CD Audio	10Hz to 20kHz
Output Level	2V rms
Signal/noise ratio, A-weighted	-105dB
THD (at 0dB, 1kHz)	0.008%
Wow and Flutter	< 0.001% peak
Channel separation CD	86dB
Dynamic range	103dB
DVD Video	
Signal to Noise	62dB
Signal System	PAL/NTSC
Output	
Digital Coaxial - PCM, DTS, MPEG, (230V), AC3	0.5 p-p 75Ω
Digital Optical - PCM, DTS, MPEG, (230V), AC3	0.5 p-p 75Ω
Composite Video	RCA x 1
S-Video	Y/C 4 pin x 1
Component Video	Yes SCART w/RGB(230V)
Physical Specifications	
Dimensions (W x H x D)	11 1/4 x 3 9/16 x 11 7/16" (285 x 90 x 290mm)
Net Weight	7.15 lbs (3.2kg)
Shipping Weight	10.2 lbs (4.5kg)

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